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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
10/005,705	12/04/2001	Hideki Fukano	P/3241-21	8623	
2352 759	2352 , 7590 10/30/2003			EXAMINER	
	FABER GERB & SO	JACKSON JĘ JEROME			
NEW YORK, N	OF THE AMERICAS NY 100368403		ART UNIT	PAPER NUMBER	
·			2815		

DATE MAILED: 10/30/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

4) Claim(s) 4-10,13,14,16 and 17 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration.  5) Claim(s) 4-10,13,16 and 17 is/are allowed. 6) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement.  Application Papers  9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some ol None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.		Application No.	Applicant(s)	
Examin r	<b>~</b>	10/005,705	FUKANO, HIDEKI	
- The MALING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MALLING DATE OF THIS COMMUNICATION.  Ederacions of term ramy be available under the provisions of 3 CFR 1.13(6). In one vernt, however, may a raply be timely filed  Ederacions of term ramy be available under the provisions of 3 CFR 1.13(6). In one vernt, however, may a raply be timely filed  Ederacions of term pay be available under the provisions of 3 CFR 1.13(6). In one vernt, however, may a raply be timely filed  If the period for reply specified above it leas than thinty (70) days, a reply within the statutory minimum of thinty (30) days will be considered filed).  If the period for reply specified above it leas than thinty (70) days, a reply within the statutory minimum of thinty (30) days, a reply within the statutory minimum of thinty (30) days, and the period of the communication.  Fallow of the period of the communication of the communication of the period of the	Office Action Summary	Examin r	Art Unit	
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Editorizing of litters tray be available under the provisions of 37 CFR 1.15(a). In no event, however, may a reply be limity filled.  Editorizing the complete of the complete of the provisions of 37 CFR 1.15(a). In no event, however, may a reply be limity filled.  Editorizing the complete of the complete of the provisions of 37 CFR 1.15(a). In no event, however, may a reply be limity filled.  Ethic period for reply is specified above, the maintenin statutory period will apply and vall expect SE (6) MONTHS from the maining date of this communication.  Failure for provisional provisions and the complete of the communication o		Jerome Jackson Jr.	2815	AW
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Entended in time may be available under the provisions of 3 CFR 1.156(a). In an event, however, may a reply be limsly filled Entended from may be available under the provisions of 3 CFR 1.156(a). In an event, however, may a reply be limsly filled  If the period for reply reposition drove, the maximum of 3 CFR 1.156(a). In an event, however, may a reply be limsly filled  If the period for reply seporated above, the maximum statisture previour layers and value for the fill the period for reply vell by the set or extended period for reply vell, by statistic, cause the septimication.  If the period for reply septimic the set or extended period for reply vell, by statistic, cause the septimication.  This action is FINAL.  2b)  Responsive to communication(s) filled on 17 September 2003.  Status  This action is FINAL.  2b)  This action is non-final.  3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quay/le, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s) 4-10.13.14.16 and 17 is/are pending in the application.  4a) Of the above claim(s) is/are allowed.  5)  Claim(s) 4-10.13.16 and 17 is/are allowed.  6)  Claim(s) 1/4 is/are rejected.  7)  Claim(s) 4-10.13.16 and 17 is/are allowed.  6)  Claim(s) 4-10.13.16 and 17 is/are allowed.  6)  Claim(s) 5 is/are objected to by the Examiner.  10) The drawing(s) filed on	• •	pears on the cover sheet with the c	orrespondenc addres	:s
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2a)  This action is FINAL. 2b)  This action is non-final.  3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s) 4-10.13.14.16 and 17 is/are pending in the application.  4a) Of the above claim(s) is/are epiding in the application.  4a) Of the above claim(s) is/are pending in the application.  4a) Of the above claim(s) is/are pending in the application.  5)  Claim(s) 4-10.13.16 and 17 is/are allowed.  6)  Claim(s) 4-10.13.16 and 17 is/are allowed.  6)  Claim(s) are subjected to.  8)  Claim(s) are subject to restriction and/or election requirement.  Application Papers  9)  The specification is objected to by the Examiner.  10)  The drawing(s) filed on is/are: a)  accepted or b)  objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11)  The proposed drawing correction filed on is: a)  approved b)  disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12)  The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a)  All b)  Some * c)  None of:  1.  Certified copies of the priority documents have been received.  2.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  a)  The translation of the foreign language provisional application has been received.  15)  Acknowledgment is made of a claim for domestic		Seotember 2003		
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Art Unit: 2815

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claim14 is rejected under 35 U.S.C. 103(a) as being unpatentable over applicant's prior art admissions in view of Hodge and Greer.

Applicant admits that all the structure claimed is known except the substance of lower refractive index. See prior art figures 1 and 2. The "substance" is merely a coupling agent which was well known in the art for enhancing light coupling. See Hodge and Greer who show that such coupling agents were well known and obvious. Claim 14 is an obvious structure.

Claims 4-10,13,16, and 17 are allowable.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerome Jackson Jr. whose telephone number is 703 308 4937. The examiner can normally be reached on t-th 9-5. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703 308 0956.

JEROMÉ/JACKSON PRIMÁÐÝ EXAMINER

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